



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, May 09, 2015

Issued: 0800 CT

Day 1 Hazards: Slight to enhanced risk of severe thunderstorms across central portions of the Region today; damaging winds and large destructive hail are the main threats, tornadoes possible as well, especially over the TX/OK Panhandles and NW OK.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



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Key Points



Today

- **Moderate risk of severe thunderstorms has shifted northward to only over extreme NW OK; Slight to Enhanced Risk covers the rest of OK, as well as much of northern and central Texas**
 - **Damaging winds and large, destructive hail are the main threats; tornado threat is greatest over NW OK and into the eastern OK/TX Panhandles**
- **Flash flood threat will continue over much of OK, W AR and N TX**

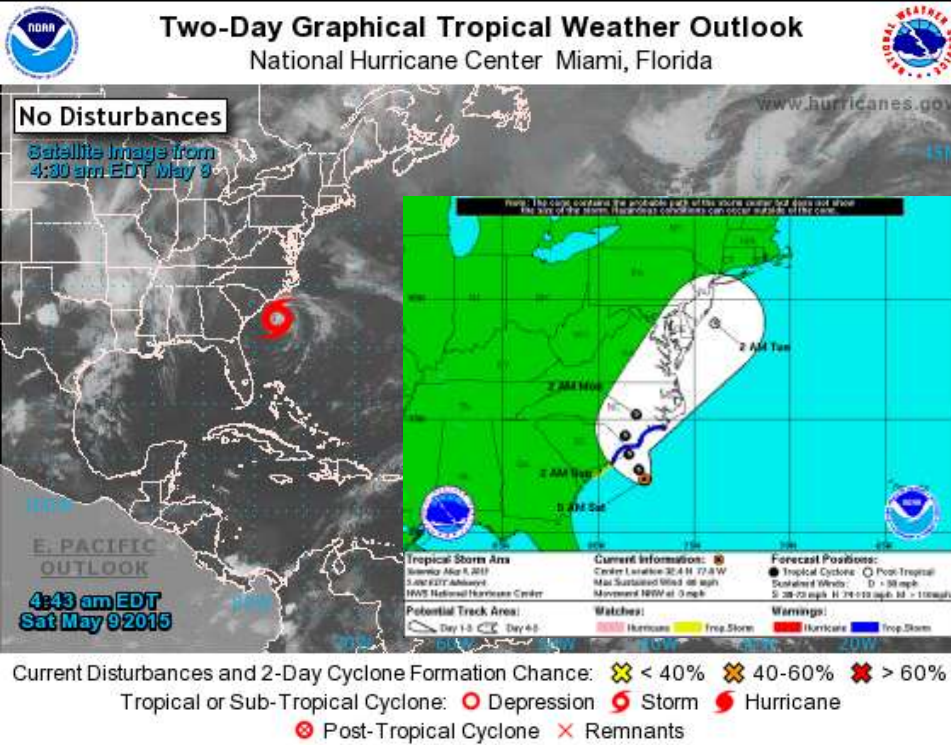
Sunday

- **Enhanced risk of severe thunderstorms over the ArkLaTex Region through much of NE TX; Slight Risk extends from this area into E OK, the rest of AR, N LA and further into NE TX**
 - **Thunderstorms will be ongoing Sunday morning from SW to N TX with new storm development expected throughout the day including Sunday night and then into the overnight hours**
 - **Heavy rainfall expected over N-Central and Central TX; Flash Flooding is a concern for the DFW area as well as just north of Austin-San Antonio**

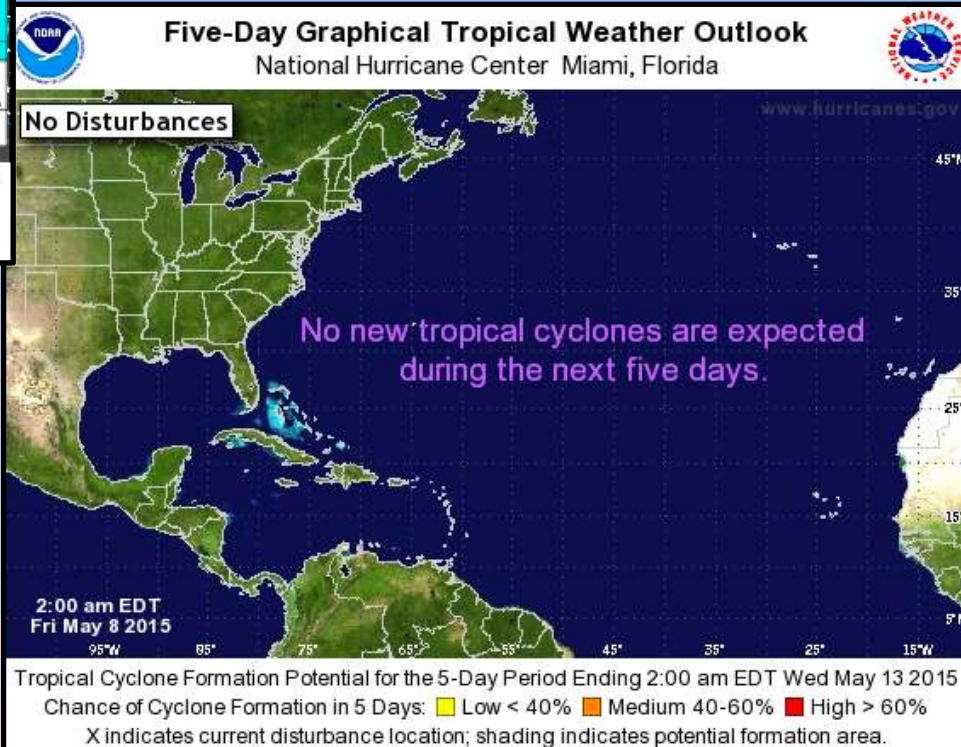
Monday - Wednesday

- **Slight Risk of severe thunderstorms continues over E & S AR, LA and E & S TX on Monday**
- **Heavy rainfall threat shifts to over SE TX on Monday and remains over this area as well as Central TX through at least Wednesday; Flash Flooding is a concern**

Tropical Weather Outlook



Tropical Storm Ana is expected to move towards the NC/SC border late tonight into early Sunday morning and then shift northeastward over E NC on Monday.



No impacts from Tropical Storm Ana are expected to FEMA Region VI

*FEMA Region 6 Threat Matrix

May 9, 2015 - May 13, 2015

DAY/ THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	Extreme NW OK	ArkLaTex, N-Central TX	AR, LA, E & S TX		
	TX/OK Panhandles, W OK, Central TX				
Heavy Rain /Flooding	OK, W AR, N TX	SE OK, N-Central and Central TX	SE TX	Central and S- Central TX	Central and S- Central TX
Fire					
Heat					

- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



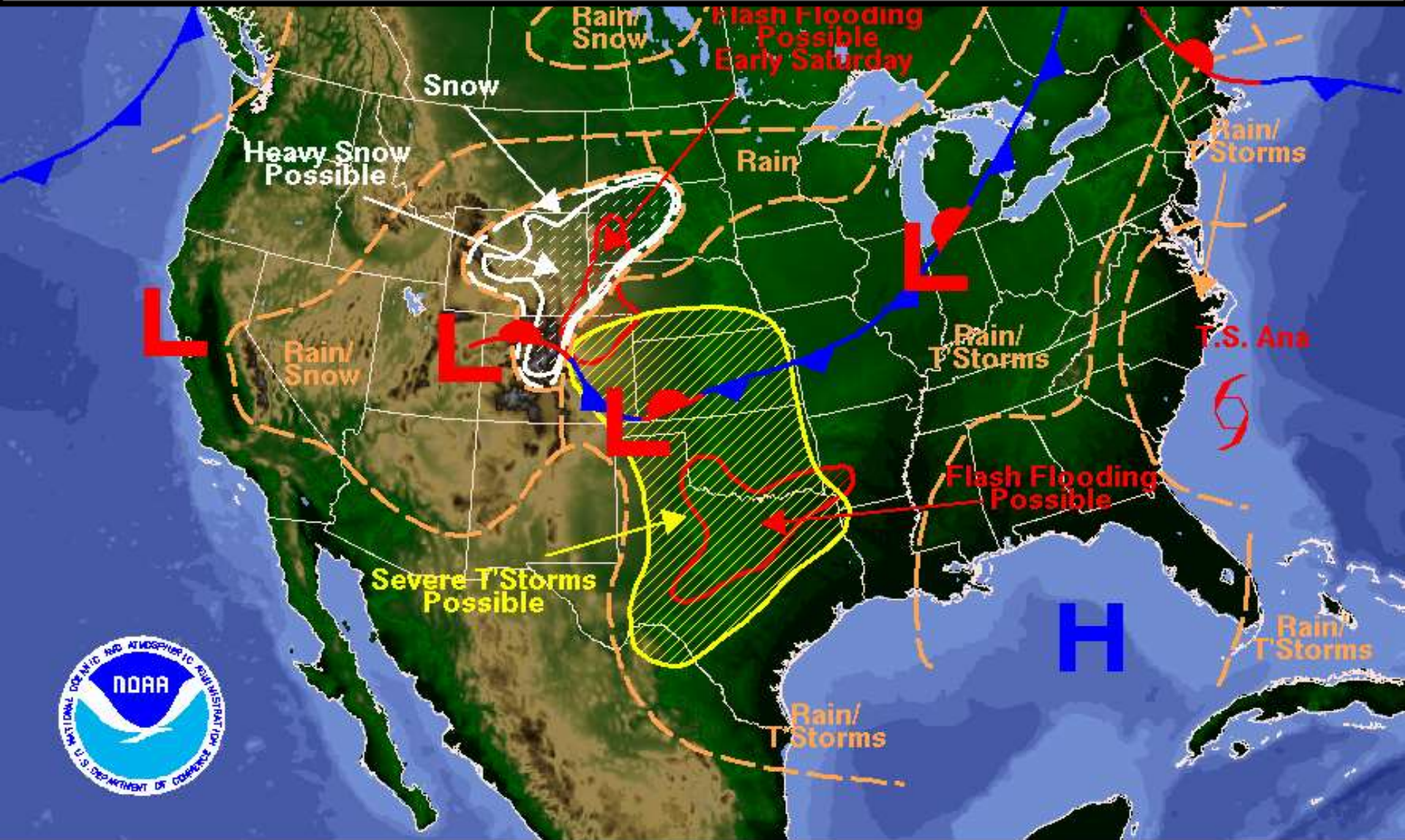
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

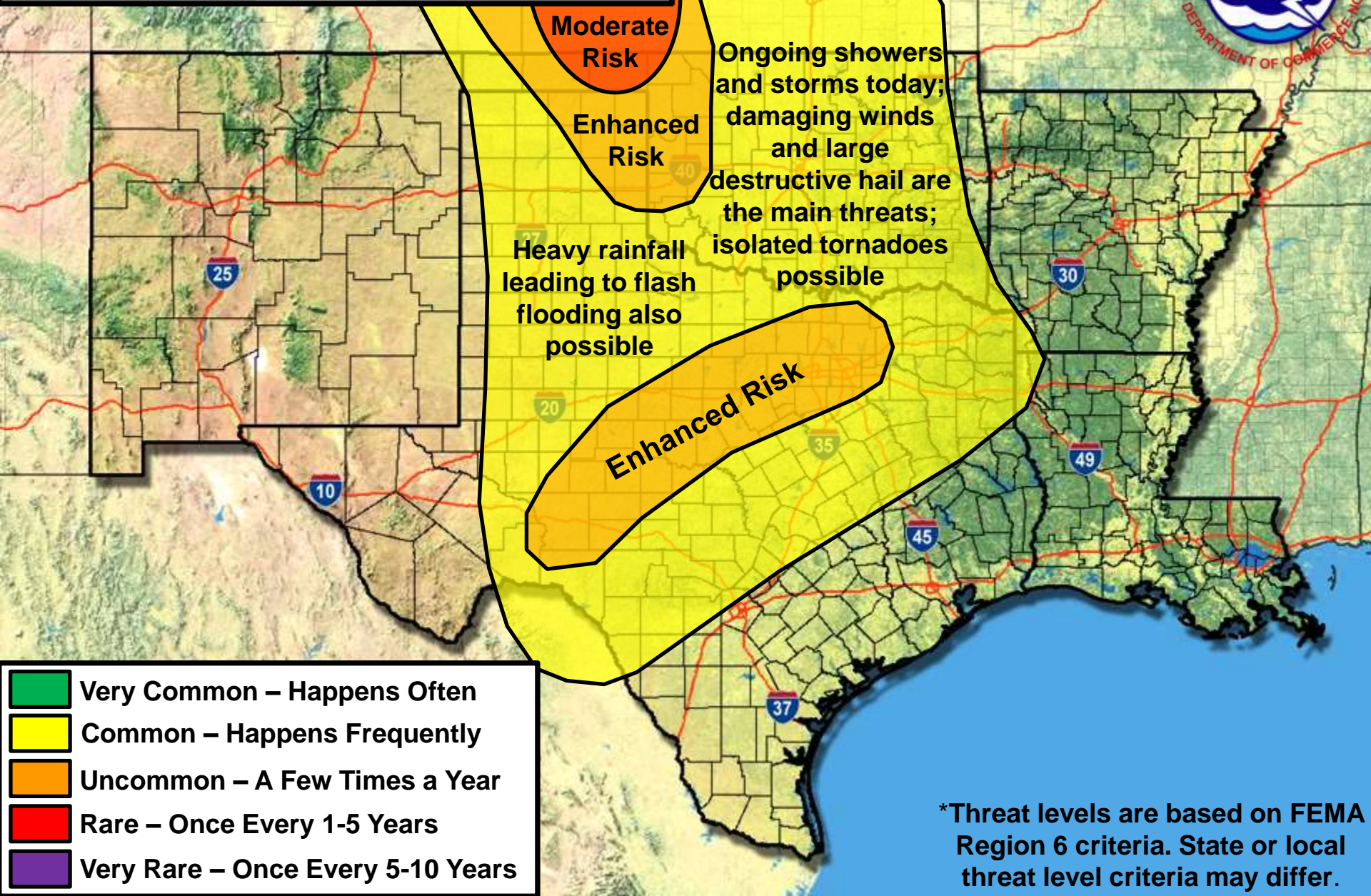
Today's Weather



Weather Forecast for Sat, May 09, 2015, issued 4:45 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Fanning based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Sat - 0800 Sun

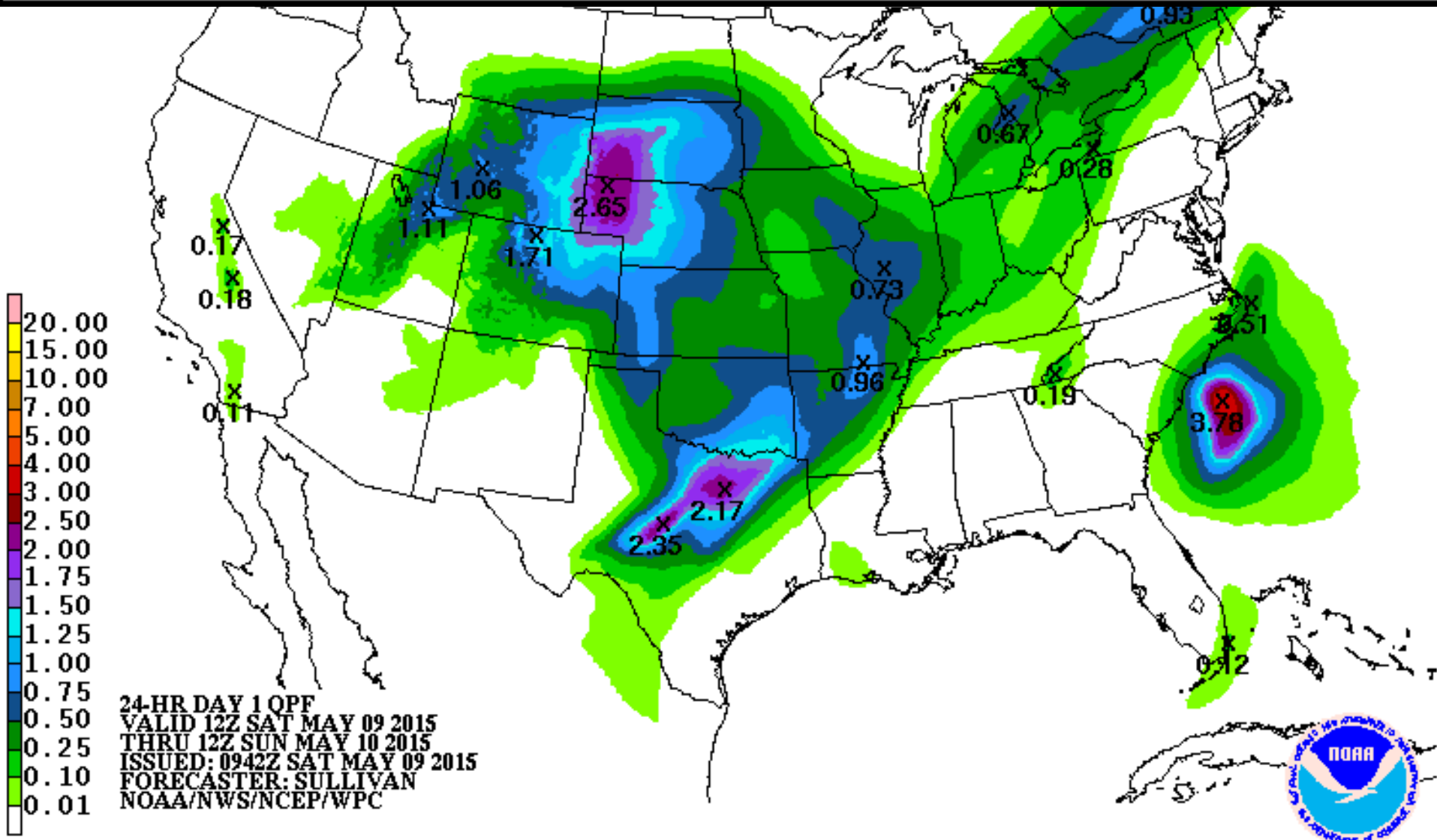


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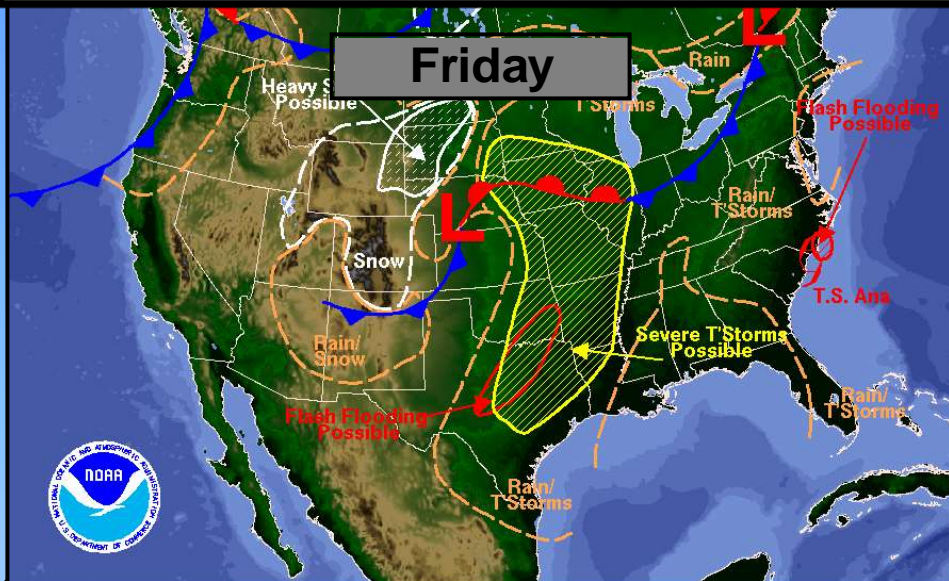
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Today's Precipitation

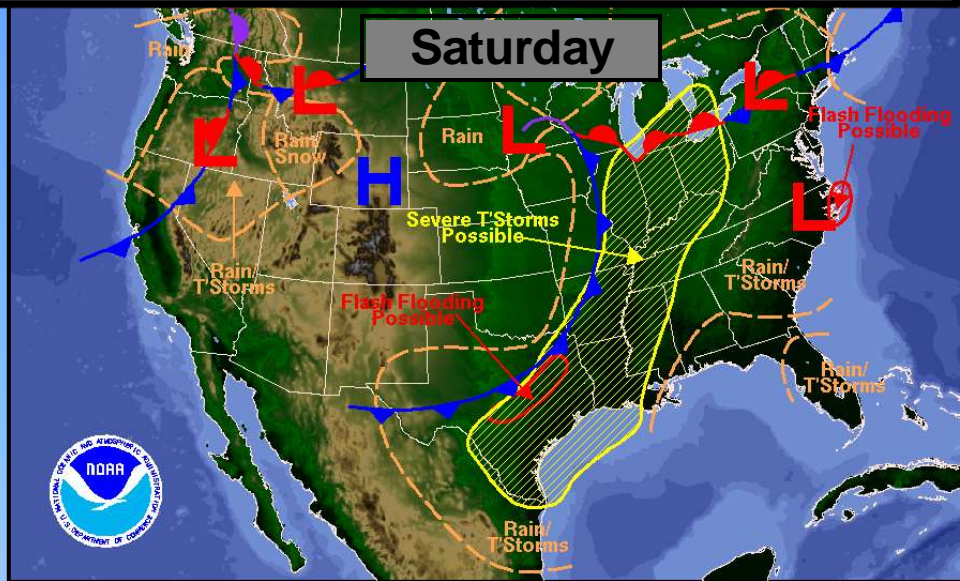
Sat AM - Sun AM



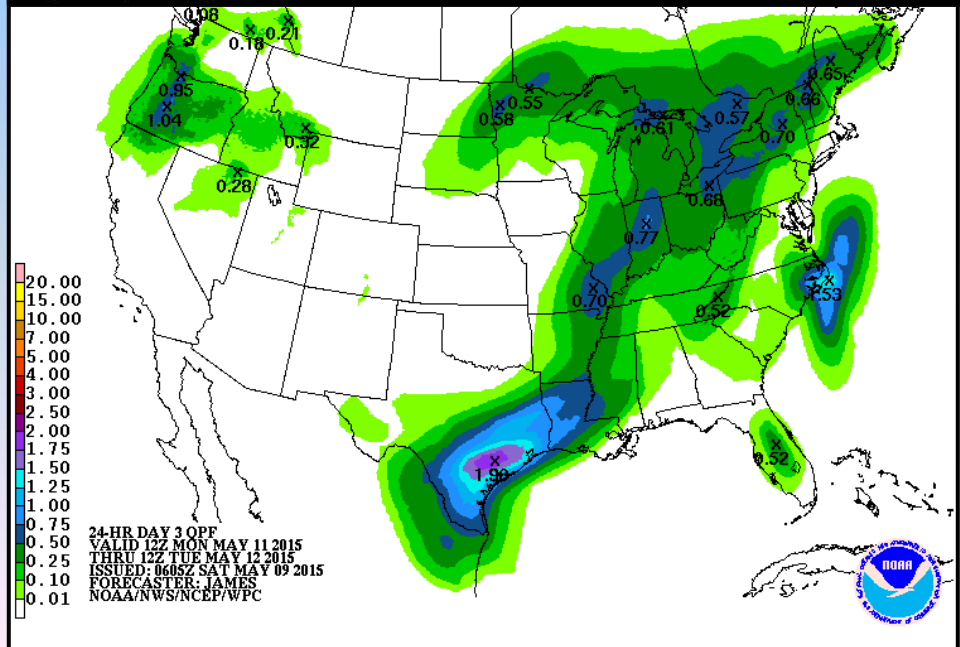
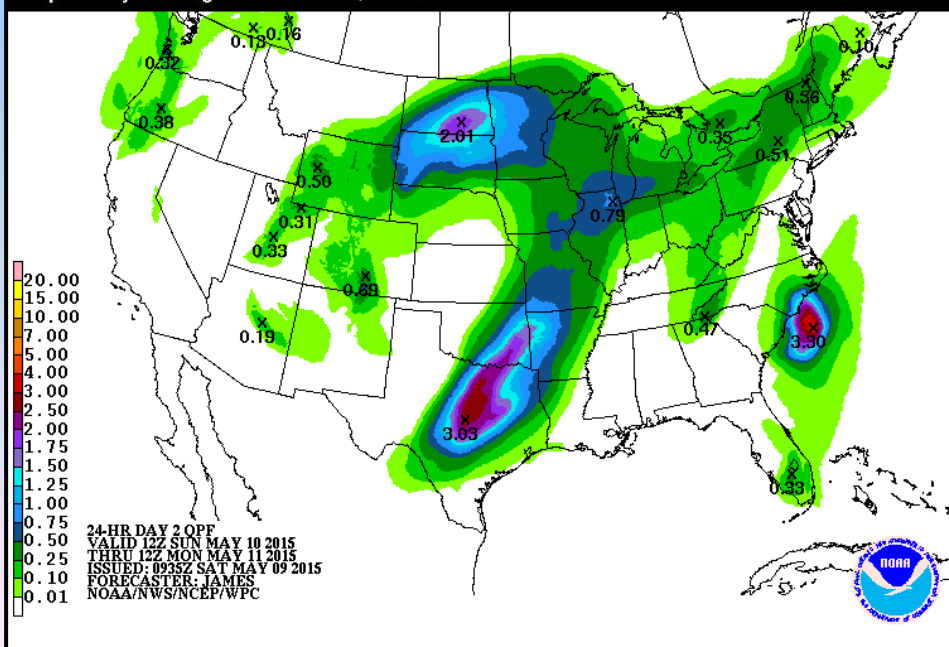
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sun, May 10, 2015, issued 4:50 AM EDT Sat, May 09, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts



Weather Forecast for Mon, May 11, 2015, issued 4:31 AM EDT Sat, May 09, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

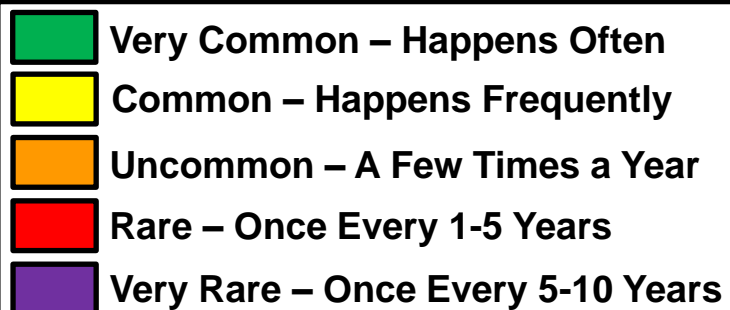
Valid: 0800 Sun - 0800 Tue



**Slight Risk of
Severe Storms on
Sunday**

**Enhanced Risk of
Severe Storms on
Sunday**

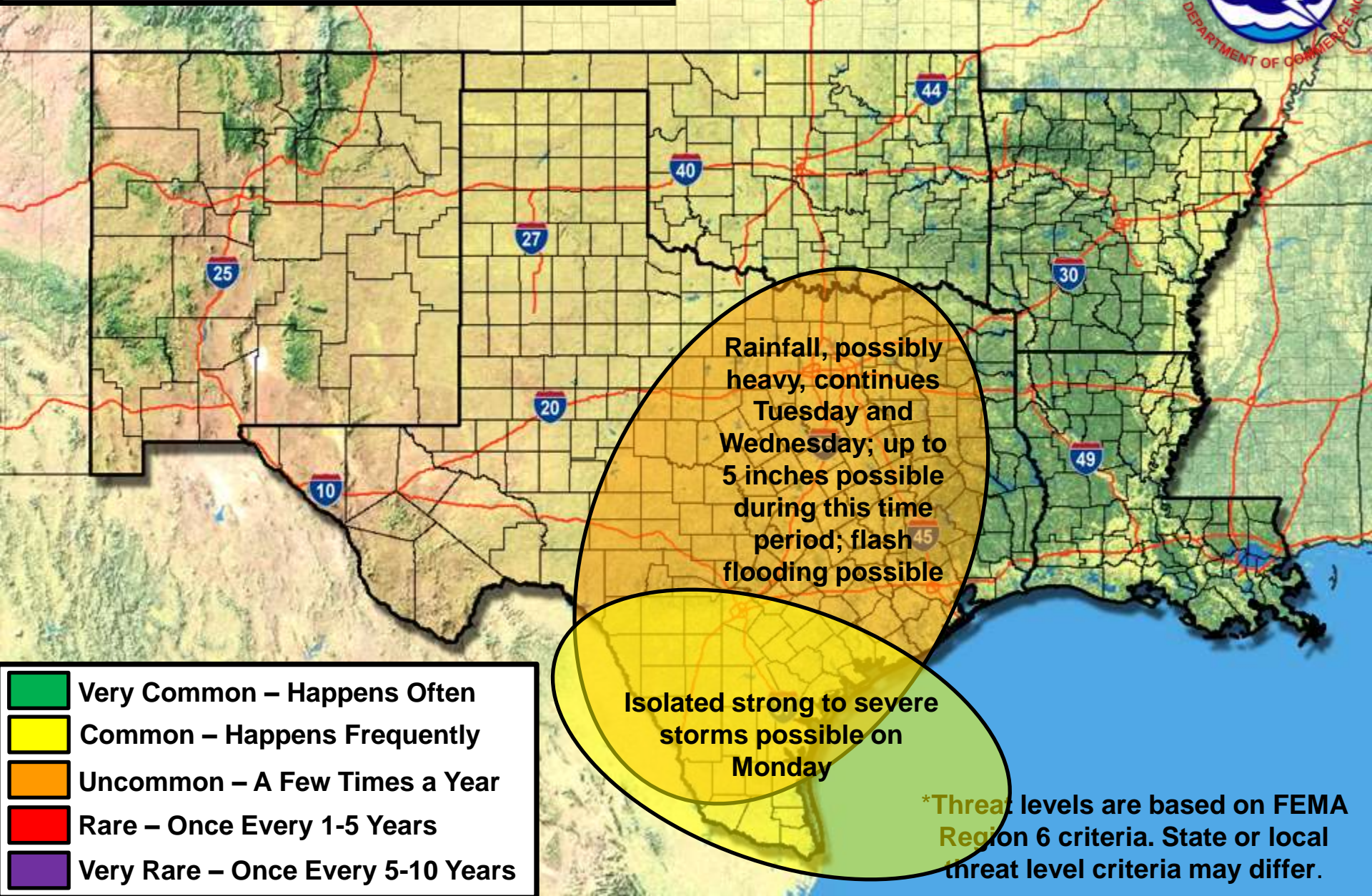
**Threat of severe
weather continues
on Monday**



**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



Rainfall, possibly heavy, continues Tuesday and Wednesday; up to 5 inches possible during this time period; flash flooding possible

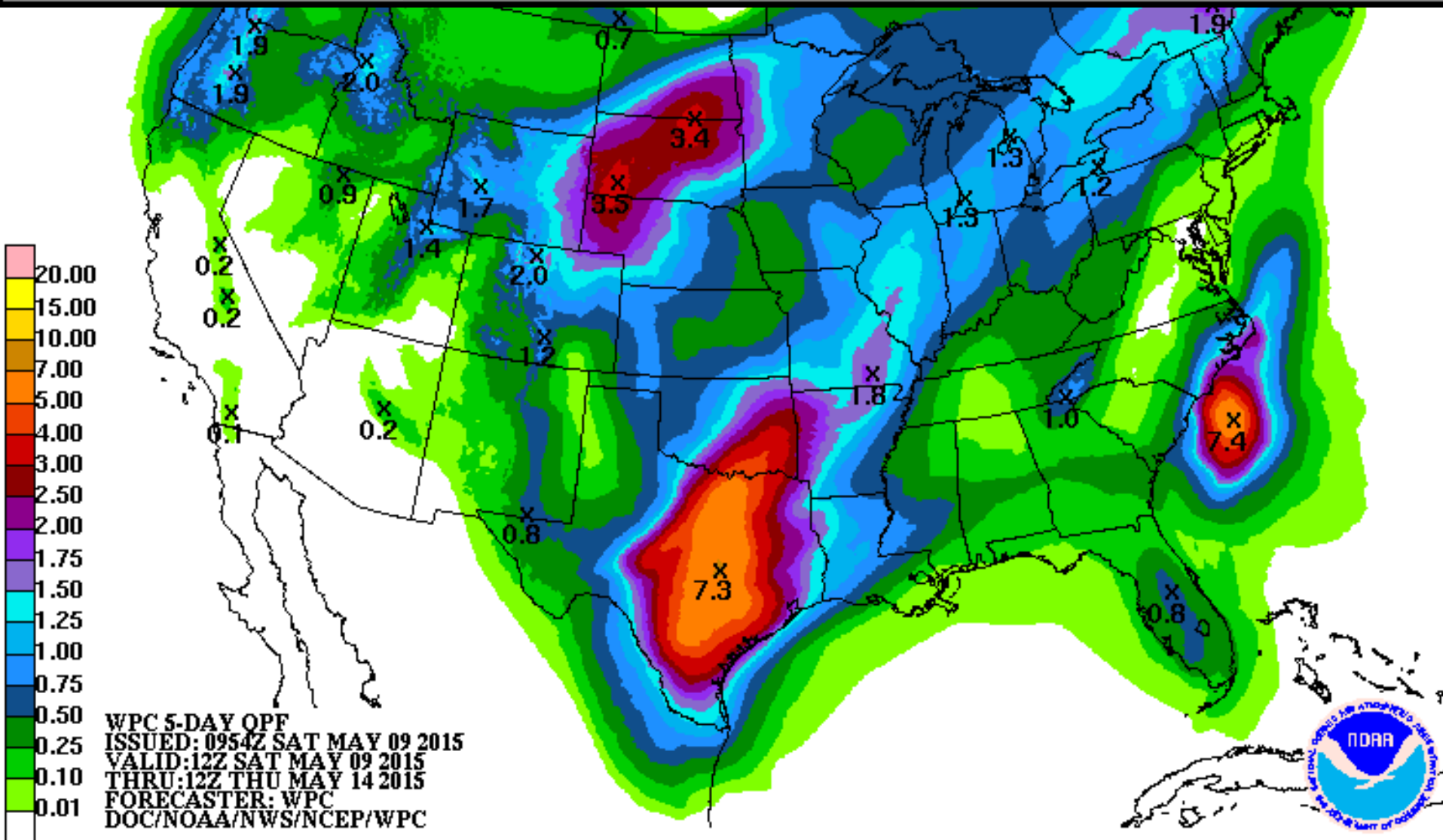
Isolated strong to severe storms possible on Monday

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5-Day Precipitation

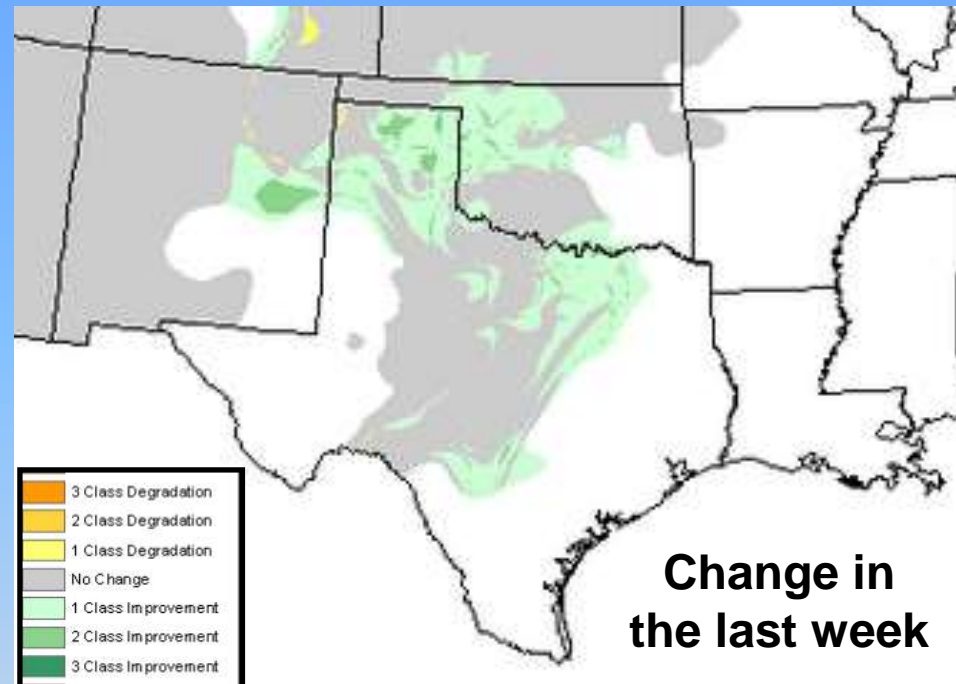
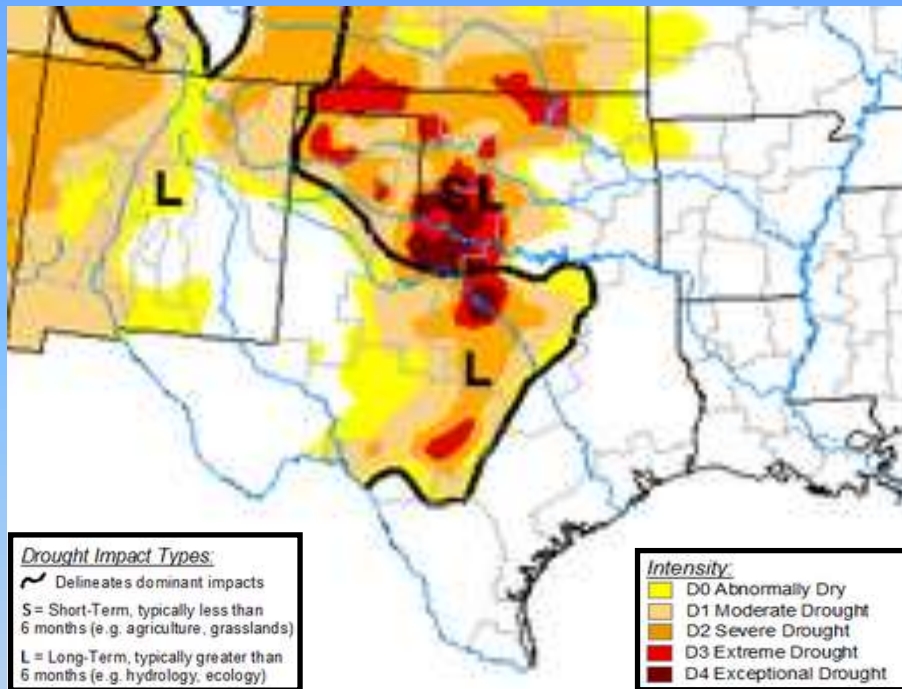
Sat AM - Thu AM





Drought Monitor Released May 7th, 2015

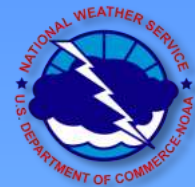
Data valid as of Tuesday, May 5th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	24.34%	37.13%	22.58%	39.03%
Texas	5.57%	9.35%	11.24%	37.86%
New Mexico	0.00%	0.00%	3.70%	33.28%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

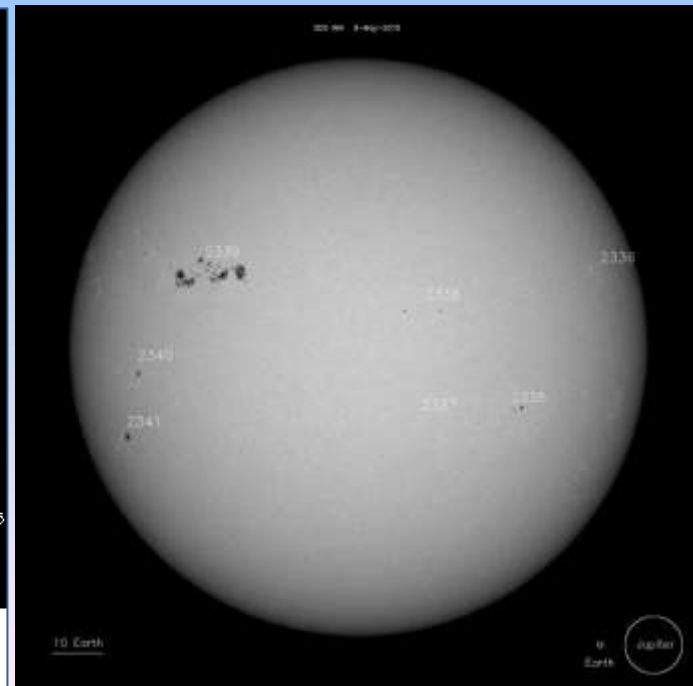
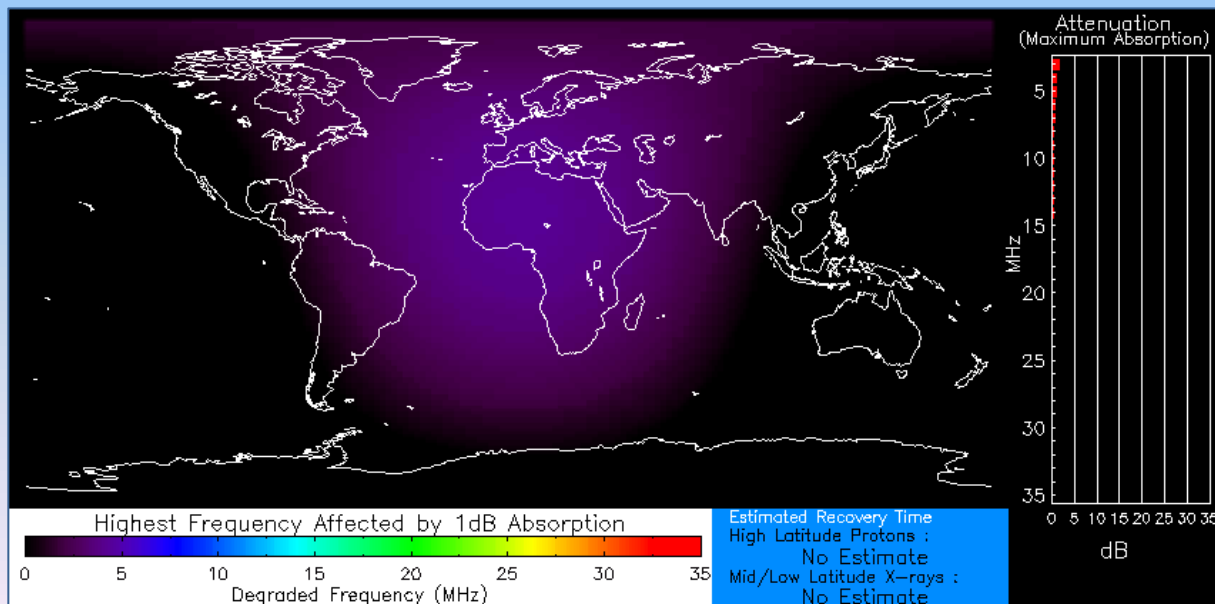
Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Active to Unsettled (Max Kp = 4)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	55%	55%	55%
Radio Blackout (R3-R5)	10%	10%	10%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2015-05-09 11:39 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



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